

ABSTRACT

1 An ink fountain assembly for use in duplicating machines, such as rotary
2 lithographic machines. The assembly comprises a fountain trough defined by an
3 elongated blade and an ink fountain roller defining a gap therebetween. A
4 proximal edge of the blade is rigidly retained and a distal edge of said blade,
5 adjacent said roller, engaging a portion of the frame and being initially flexed and
6 prestressed toward said roller to define the gap. The gap may be varied to control
7 ink flow therethrough.